

METHOD OF ACTIVATING CATALYST FOR CARBON MONOXIDE REMOVAL, CATALYST FOR REMOVING CARBON MONOXIDE, METHOD OF REMOVING CARBON MONOXIDE, AND METHOD OF OPERATING FUEL CELL SYSTEM

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Cited documents:

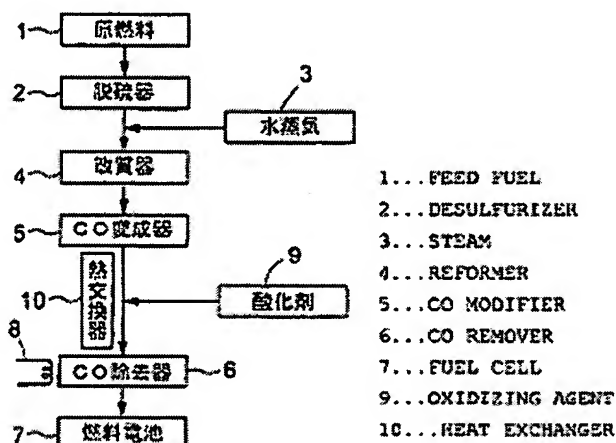


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Abstract of WO0222256

A catalyst for carbon monoxide removal such as a supported ruthenium catalyst, with which carbon monoxide is oxidatively removed from an alcohol reforming gas containing hydrogen and carbon monoxide to be supplied to a fuel cell, is brought into contact with an inert gas or an inert gas containing less than 50 vol.% hydrogen gas only to thereby activate the catalyst. Thus, the poisoning of a fuel cell electrode by carbon monoxide is prevented.



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